

Mani, Richard Site  
200 Talmadge Drive  
Santa Rosa, CA  
Case No. 1TSR 279

**Notice of Proposed Corrective Action Plan (CAP) Approval:**

Comment Period ends **May 28, 2003**

**Problem Description:**

Soil and groundwater are contaminated by petroleum hydrocarbons related to the former leaking underground storage tank system located at 200 Talmadge Drive, Santa Rosa. The contaminants include gasoline, benzene, toluene, ethylbenzene, xylenes, and gasoline oxygenates including ethyl-t-butyl ether (ETBE) and methyl tert butyl ether (MtBE). A sensitive receptor survey indicates that domestic water supply wells exist in the area.

**Interim Actions Completed:**

The former underground storage tank system and some impacted soil have been removed. Seven groundwater monitoring wells and twelve soil borings have been installed at the site to investigate the extent of impacts to soil groundwater. Elevated concentrations of petroleum hydrocarbons and MTBE have been detected in groundwater in the monitoring wells at the site.

**Proposed Action:**

The CAP proposes to use a technology known as biosparging to enhance oxygen levels in contaminated groundwater to enhance and accelerate the biological degradation of petroleum constituents into benign chemical compounds. Chemical compounds containing nitrogen and/or phosphorus may be injected into the subsurface if additional site characterization indicates that these nutrients are needed for biosparging to achieve water quality objectives at the site.

**The proposed corrective action will be approved without further notice unless significant public comment is received prior to **May, 28, 2003**. Please submit your written comments to:**

**North Coast Regional Water Quality Control Board  
Attention: Jim Tischler  
5550 Skylane Boulevard, Suite A  
Santa Rosa, California 95403**

**You may also submit your questions and comments by telephone by contacting Jim Tischler of the Regional Water Board staff at (707) 576-2469.**